NEBRASKA
WEATHER & CROPS

NEBRASKA AGRICULTURAL STATISTICS SERVICE

For Week Ending August 13, 1995

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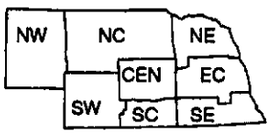
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
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and Natural Resources--UN-L

WEATHER

The week was warm and dry. Temperatures averaged from five degrees above normals in the northwest to ten degrees above normals in the southwest. Precipitation was again scattered across the State and averaged from traces up to three-tenths of an inch.

GENERAL

A return to warm, humid weather conditions with only scattered rainfall last week further stressed dryland crops and pastures, according to the Nebraska Agricultural Statistics Service. Since rainfall has been spotty, many irrigation systems have been very active. Grasshopper activity was noted in many areas in the eastern and north central parts of the State. Producer activities included harvesting alfalfa and oats, walking beans, moving grains to markets, insect control, and preparing seedbeds for fall seeding.

CROPS

The all corn condition declined from the previous week and was rated 3% very poor, 11% poor, 36% fair, 46% good and 4% excellent. Irrigated corn was rated at 64% good or excellent and dryland corn was rated at 23% good or excellent but 31% very poor to poor. Only 6% of the crop had reached the dough stage to date, putting crop development about 22 days behind the 5-year average. Burning of lower leaves and some firing was reported in the north central and southwest districts.

Soybean condition declined from the previous week and was rated at 5% very poor, 20% poor, 41% fair, 33% good, and 1% excellent. As of Sunday, 91% of the soybean acreage was blooming; this compares to 100% last year and the 5-year average of 95%. Statewide, 38% of the acreage had set pods, compared to 95% last year and ten days behind the average of 64%.

CROPS (Cont.)

Sorghum condition was rated at 1% very poor, 7% poor, 53% fair, 37% good, and 2% excellent. Sorghum headed advanced to 22% complete last week. This was about 18 days behind the average.

Oat harvest progressed to 96% complete by week's end, which compared with 99% last year and 96% for the 5-year average.

Dry bean condition was rated at 1% very poor, 7% poor, 36% fair, 53% good, and 3% excellent. As of Sunday, 91% of the crop had bloomed with 51% setting pods.

Alfalfa condition was rated at 2% very poor, 15% poor, 44% fair, 38% good, and 1% excellent. Second cutting of alfalfa was virtually complete as of Sunday. Third cutting progressed to 14% complete by week's end, compared with 46% harvested last year. Wild hay condition was rated at 3% very poor, 11% poor, 29% fair, 48% good and 9% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated at 5% very poor, 14% poor, 46% fair, 29% good, and 6% excellent. Pastures continued to show signs of deterioration and slow regrowth in most areas. Some producers are beginning to use supplemental feed. The warm weather conditions were causing cattle and hogs to gain slower than normal with some death losses reported due to the heat.

FIELD WORK PROGRESS AS OF AUGUST 13, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Harvested	98	100	100	100	100	100	100	100	99	97	100	99
% Corn Silked	89	100	97	100	98	90	90	86	95	67	100	96
% Corn Dough Stage	1	4	6	5	6	7	9	7	6	0	81	49
% Sorghum Headed	0	53	11	6	20	24	39	18	22	7	95	66
% Soybeans Blooming	0	67	94	92	89	92	93	92	91	72	100	95
% Soybeans Setting Pods	0	33	38	43	44	43	44	26	38	16	95	64
% Alfalfa Second Cutting	99	98	100	100	100	100	100	100	100	92	100	99
% Alfalfa Third Cutting	0	9	6	25	16	13	28	30	14	2	46	31
% Dry Beans Blooming	93	57	75	51	0	93	0	0	91	66	100	n/a
% Dry Beans Podded	52	49	13	42	0	52	0	0	51	25	93	n/a
% Oats Harvested	67	97	98	100	99	100	100	100	96	77	99	96
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 11, 1995												
Days suitable	63	66	65	5.9	68	70	5.7	6.4	6.4	6.0	52	
Topsoil moisture - Very Short	0	0	46	2	43	23	18	20	21	14	0	
(Percent) - Short	34	84	42	39	51	63	39	68	55	48	26	
- Adequate	66	16	12	59	6	14	42	12	24	38	70	
- Surplus	0	0	0	0	0	0	1	0	0	0	4	
Subsoil moisture - Very Short	0	2	18	0	24	3	12	5	10	7	0	
(Percent) - Short	17	47	58	31	54	65	54	62	50	38	18	
- Adequate	83	51	24	69	22	32	33	33	40	55	79	
- Surplus	0	0	0	0	0	0	1	0	0	0	3	

n/a = not available.

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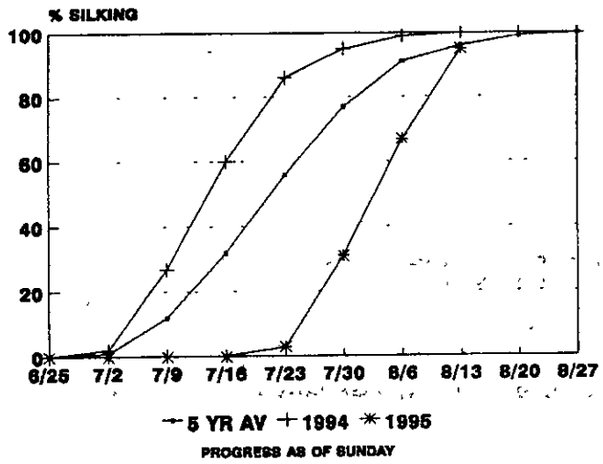
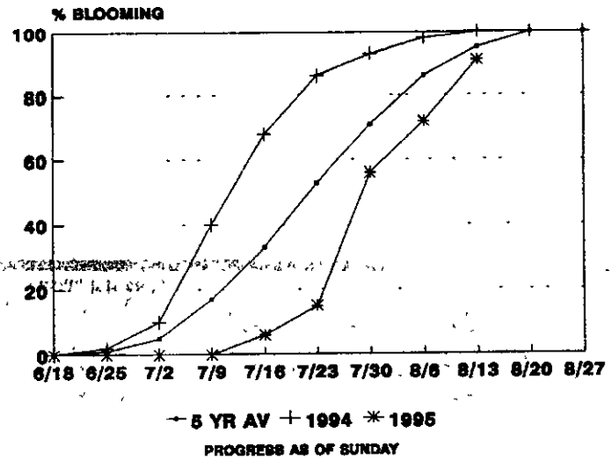
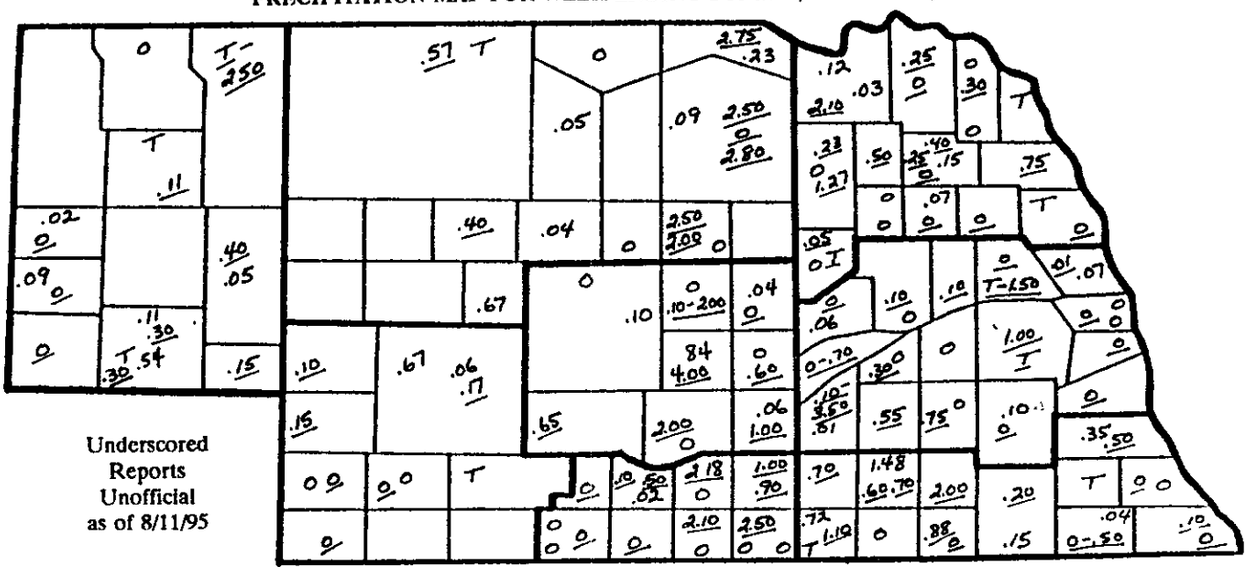
CORN SILKING



SOYBEANS BLOOMING



PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 13, 1995



PRECIPITATION, APRIL 1 - AUGUST 13, 1995

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.10	.11	.03	.12	.02	.12	.01	.30
Total since April 1	14.42	17.38	15.75	17.19	15.30	15.83	17.11	19.61
Normal since April 1	10.96	13.28	14.89	14.57	15 89	12.50	14.46	16.19

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 13, 1995

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	107	48	80	---	0	---	---	---
	Scottsbluff	103	55	78	+5	.02	1341	1495	1929
	Sidney	102	55	80	---	T	1272	1434	1780
NC	Valentine	106	57	82	+8	T	---	---	---
	Arthur	---	---	---	---	---	1378	1551	1814
	O'Neill	---	---	---	---	---	1515	1693	2042
NE	Norfolk	105	65	83	+9	0	---	---	---
	Sioux City	99	67	82	+8	T	---	---	---
	Concord	---	---	---	---	---	1630	1823	2118
	Elgin	---	---	---	---	---	1608	1797	2063
	West Point	---	---	---	---	---	1716	1912	2175
CEN	Grand Island	99	70	83	+7	.06	---	---	---
	Ord	101	60	80	---	0	1594	1784	2078
	Kearney	---	---	---	---	---	1639	1833	2174
	Wood River	---	---	---	---	---	1656	1851	2255
EC	Lincoln	100	69	85	+8	.10	1913	2126	2335
	Omaha	100	71	85	+9	0	---	---	---
	Central City	---	---	---	---	---	1670	1865	2269
	Mead	---	---	---	---	---	1811	2019	2257
	Rising City	---	---	---	---	---	1717	1918	2220
SW	Imperial	105	64	82	---	0	---	---	---
	North Platte	103	65	83	+10	.06	1507	1690	1998
	McCook	---	---	---	---	---	1652	1845	2198
SC	Holdrege	---	---	---	---	---	1653	1847	2181
	Red Cloud	---	---	---	---	---	1761	1966	2233
SE	Beatrice	---	---	---	---	---	1818	2020	2257
	Clay Center	---	---	---	---	---	1686	1881	2214

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.